

PRIOR ART

FIG.1

```
<smil>
<head>
<layout>
  <root-layout width="320" height="480" />
  <region id="v" top="5" />
  <region id="t" top="10" />
  <region id="i" top="20" />
</layout>
</head>
<body>
<par>
  <video region="v" src="rtsp://server/sample.mp4/track-ID=1 begin="3s" end="20s" />
  <audio src="rtsp://server/sample.mp4/track-ID=2 begin="3s" end="20s" />
  <text region="t" src="http://server/test.txt" dur="10s" />
  <image region="i" src="http://server/image.jpg" dur="10s" />
</par>
</body>
</smil>
```

PRIOR ART

FIG.2

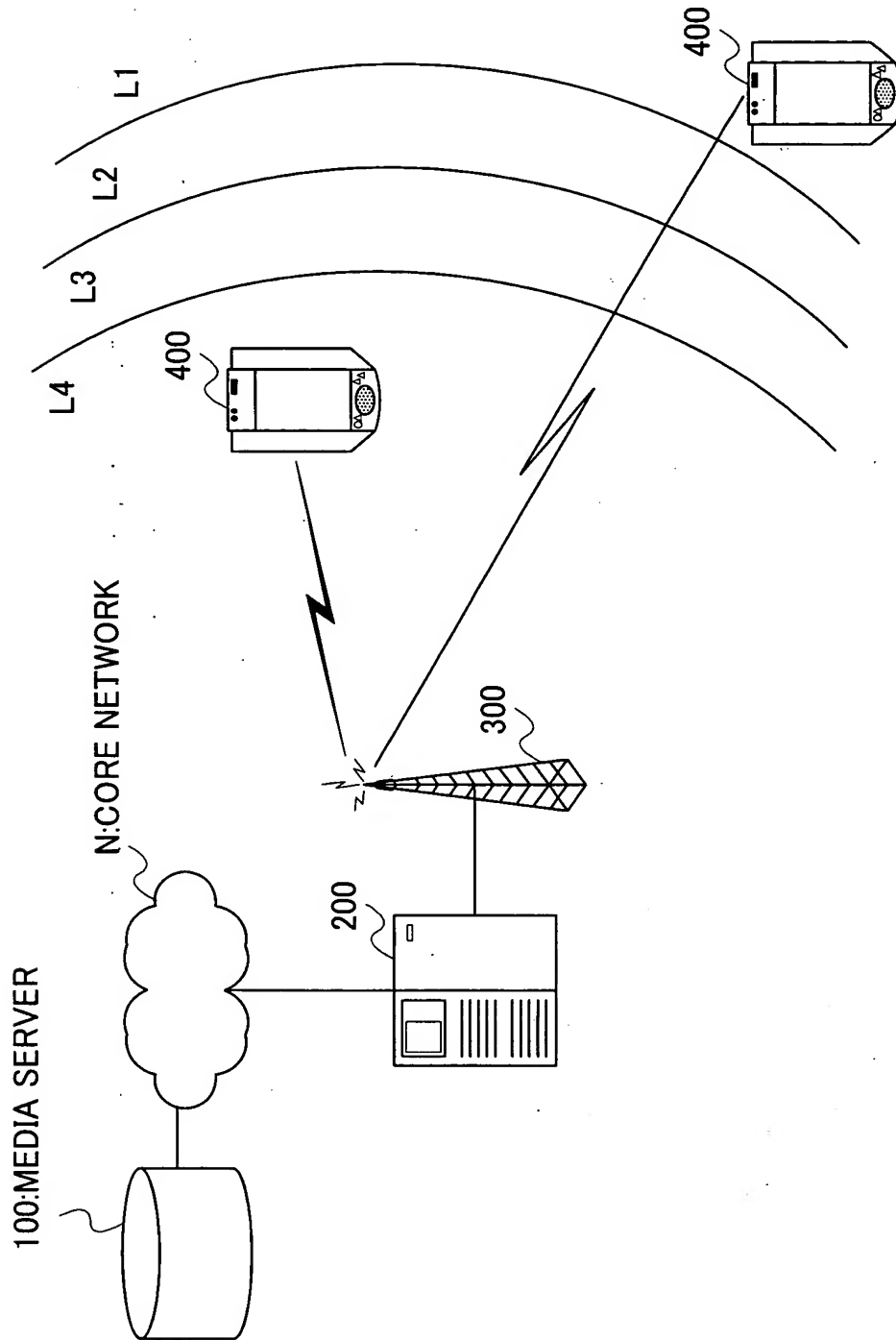


FIG.3

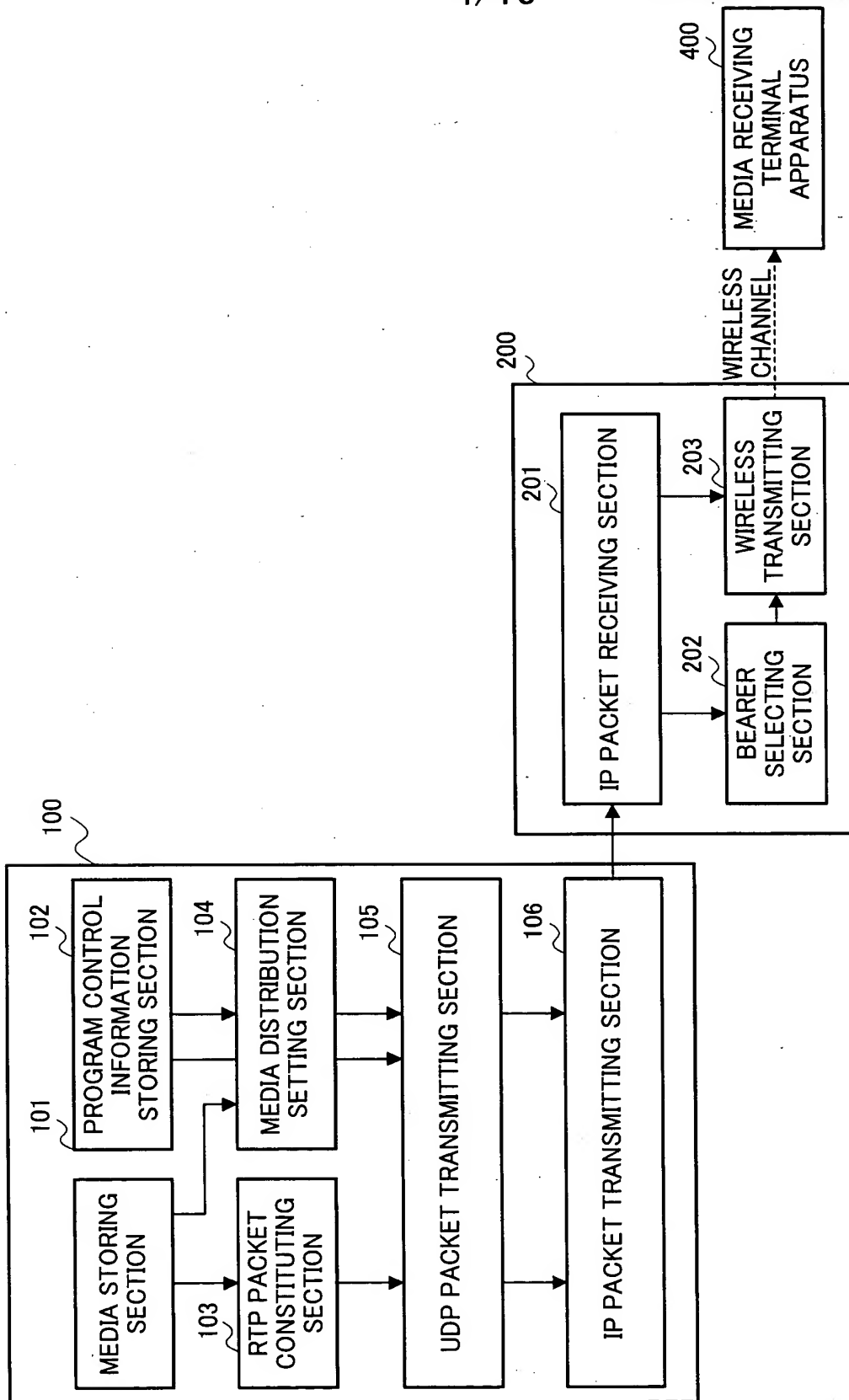


FIG. 4

MEDIA DATA	PROGRAM CONTROL INFORMATION SMIL/SAP	TOS VALUE	TRANSMISSION DISTANCE
TEXT	PROGRAM CONTROL INFORMATION 1	1	L1~L4
STILL IMAGE	PROGRAM CONTROL INFORMATION 2	2	L2~L4
AUDIO	PROGRAM CONTROL INFORMATION 3	3	L3~L4
VIDEO	PROGRAM CONTROL INFORMATION 4	4	L4

FIG.5

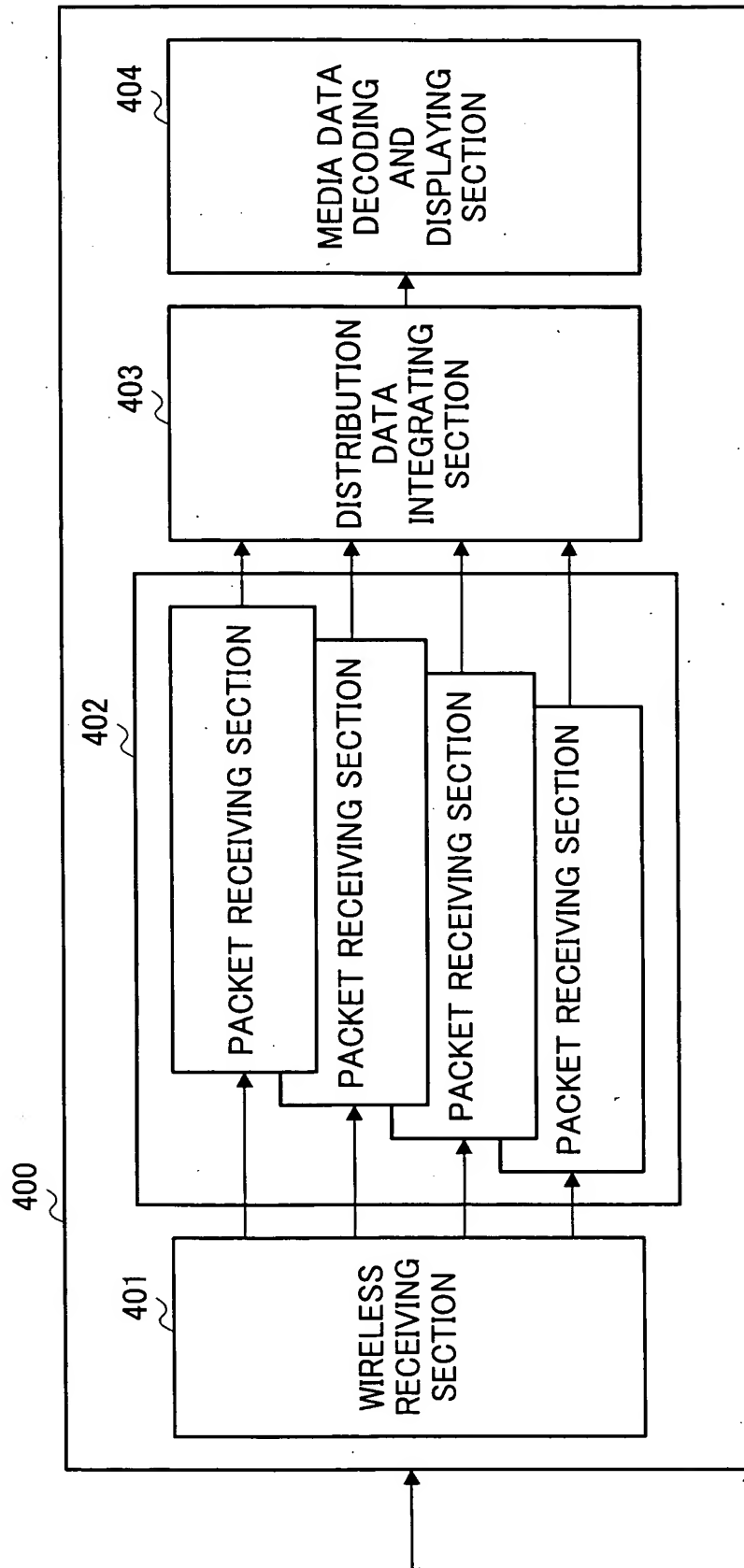


FIG.6

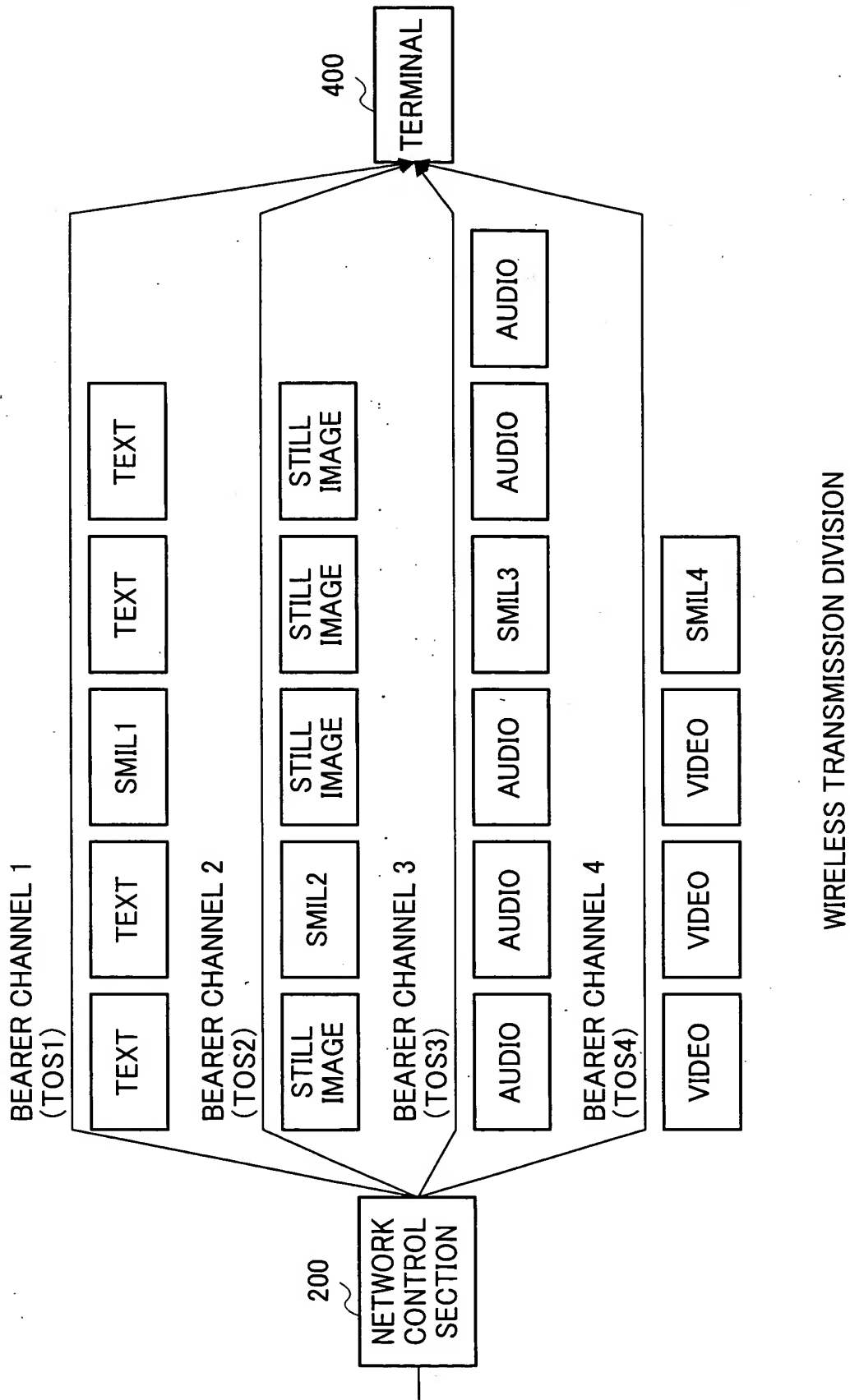


FIG.7

```
<smil>
  <head>
    <layout>
      <root-layout width="320" height="480" />
      <region id="t" top="10" />
    </layout>
  </head>
  <body>
    <par>
      <text region="t" src="http://server/test.txt" dur="10s" />
    </par>
  </body>
</smil>
```

FIG.8

```
<smil>
  <head>
    <layout>
      <root-layout width="320" height="480" />
      <region id="t" top="10" />
      <region id="i" top="20" />
    </layout>
  </head>
  <body>
    <par>
      <text region="t" src="http://server/test.txt" dur="10s" />
      <image region="i" src="http://server/image.jpg" dur="10s" />
    </par>
  </body>
</smil>
```

FIG.9

```
<smil>
<head>
<layout>
  <root-layout width="320" height="480" />
  <region id="t" top="10" />
  <region id="i" top="20" />
</layout>
</head>
<body>
<par>
  <audio src="rtsp://server/sample.mp4/track-ID=2 begin="3s" end="20s" />
  <text region="t" src="http://server/test.txt" dur="10s" />
  <image region="i" src="http://server/image.jpg" dur="10s" />
</par>
</body>
</smil>
```

FIG.10

```
<smil>
  <head>
    <layout>
      <root-layout width="320" height="480" />
      <region id="v" top="5" />
      <region id="t" top="10" />
      <region id="i" top="20" />
    </layout>
  </head>
  <body>
    <par>
      <video region="v" src="rtsp://server/sample.mp4/track-ID=1 begin="3s" end="20s" />
      <audio src="rtsp://server/sample.mp4/track-ID=2 begin="3s" end="20s" />
      <text region="t" src="http://server/test.txt" dur="10s" />
      <image region="i" src="http://server/image.jpg" dur="10s" />
    </par>
  </body>
</smil>
```

FIG.11